

Claims (for U. S. and AU application)

1. A traveling transmission apparatus for a work vehicle, comprising:

5 a stepless change-speed unit receiving power from an engine;
a gear transmission mechanism receiving power from the stepless change-speed unit and disposed rearwardly of the engine;

a rear-wheel differential mechanism receiving power from the gear transmission mechanism and disposed rearwardly of the engine; and

10 a transmission case accommodating the gear transmission mechanism and the rear-wheel differential mechanism and coupled to the rear of the engine;

wherein the stepless change-speed unit is disposed rearwardly of the gear transmission mechanism and rearwardly also of an output shaft of the rear-wheel differential mechanism.

2. The apparatus of claim 1, wherein the stepless change-speed unit is constructed as an HST and a port block for the HST is detachably secured to an end of a rear opening of the transmission case for closing this opening.

3. The apparatus of claim 2, wherein the HST includes one hydraulic pump and first and second hydraulic motors, the hydraulic pump and the first hydraulic motor being attached to an inner face of the port block, the second hydraulic motor being attached to an outer face of the port block.

4. The apparatus of claim 3, further comprising an auxiliary cover attached to the outer face of the port block for covering said second hydraulic motor.